

Observations of Comet h 1898 (Perrine-Chofardet) made at the Royal Observatory, Greenwich.

(Communicated by the Astronomer Royal.)

The observations were made with the Sheepshanks equatorial, aperture 6·7 inches, by taking transits over two cross wires at right angles to each other, and each inclined 45° to the parallel of declination. Magnifying power, 55.

Greenwich Mean Solar Time.	Observer.	Corr. for		Log Factor of Parallax.	Corr. for		Log Factor of Parallax.	No. of Comps.	Apparent R.A.		Apparent N.P.D.	Comp. Star.
		—	* R.A.		—	* N.P.D.			h	m	s	
1898. Sept. 21 16 24 14	A. C.	m	s	9·6115	—	8 58·2	0·7936	4	10 29	40·60	64 12 14·0	a
21 16 21 6	"	—	2 46·70	9·6116	+	12 23·3	0·7956	1	10 29	40·49	64 12 0·6	b

The observations are corrected for refraction, but not for parallax. They are also corrected for the error of inclination of the wires and for the motion of the comet.

The initials A. C. are those of Mr. Crommelin.

Comparison Stars.

Star's Name.	Assumed R.A. 1898·0.		Assumed N.P.D. 1898·0.		Authority.
	h	m	°	'	
a W.B. (2), X. 501	10 27	39·01	64 20	58·4	Cambridge Astr. Gesell. Catalogue and Paris Catalogue, 1860.
b W.B. (2), X. 594	10 32	24·86	63 59	22·8	" " " "

A proper motion of +0·80077 in R.A. has been applied to star a, deduced from comparison with Lalande and Weisse's Bessel.

Royal Observatory, Greenwich:
1898 Sept. 27.

Observations of Comet 1898 (Coddington, June 11) made at Sydney Observatory.

(Communicated by H. C. Russell, C.M.G., F.R.S., Government Astronomer.)

1898.	Sydney M.T. h m s	Δ R.A. m s	Δ N.P.D. " "	Op.	Obs.	R.A. app. h m s	log. p. Δ	N.P.D. app. " "	log. p. Δ	Red. ad. l. app. s	*
June 16	9 15 52	-1 34.14	+7 20.6	5	S.	16 10 28.11	9.253 _n	117 54 57.4	0.029	+4.24	+13.5 1
23	8 47 30	+0 22.46	-0 27.4	8	S.	15 45 42.26	9.110 _n	122 7 37.5	9.528	+4.29	+17.1 2
23	9 38 57	*			S.	15 45 34.45		122 8 53.7	9.372		
24	8 44 10	+0 38.98	-7 33.0	8	S.	15 42 7.91	9.077 _n	122 41 43.7	9.373	+4.28	+17.6 3
24	9 31 27	*			S.	15 42 0.08		122 42 49.7	9.172		
27	9 9 5	*			L.	15 31 24.36		124 21 37.6	9.018 _n		
July 4	9 30 14	-0 11.10	+2 47.8	3	S.	15 7 17.73	9.286	127 51 3.6	9.617 _n	+4.15	+22.1 4
5	8 10 30	*			S.	15 4 11.64		128 16 43.1	9.848 _n		
6	8 3 21	*			S.	15 0 58.15		128 43 8.5	9.888 _n		
7	7 56 15	*			S.	14 57 47.71		129 8 56.9	9.923 _n		

Observer : L.=H. A. Lenehan. S.=R. P. Sellors.

* Observed on the meridian with transit circle.